# DREDGING NOTICE U.S. ARMY CORPS OF ENGINEERS ST. PAUL DISTRICT

NOTICE DATE: 08 May 2006 DREDGING CATEGORY: Routine

MEETING DATE: If requested MEETING TIME:

BOAT REQUIREMENT: MEETING LOCATION:

DREDGE CUT NAME: Chippewa Delta RIVER MILE: 763.2

## HISTORIC DATA

Frequency: 31% Avg. Quantity/Job: 244,600 yd<sup>3</sup> Year Last Dredged: 2003 Avg. Quantity/Year: 76,000 yd<sup>3</sup>

# **SURVEY DATA**

Date Surveyed: 03 May 2006 Water Surface Elevation: 670.2 Low Control Pool Elevation: 667.0

Net Difference: +3.2

5 Day River Forecast: Rise slowly

#### DREDGING DATA

Recommended Channel Width: N/A Recommended Dredging Depth: 9 feet Estimated Quantity: 252,000 yd<sup>3</sup> Type of Dredge: Cont./Hydr.

Proposed Dredging Date: 10 May 2006

Estimated Duration: 21 days

Justification for Dredging: Sediment trap dredging to reduce dredging in the main channel of the Mississippi River. Part of the Reads Landing Excavation project.

## MATERIAL PLACEMENT DATA

Proposed Placement Site: Wabasha Gravel Pit

Location: 4-761.0-RMP

Site Characteristics: This is a historically used containment site.

If you have any questions concerning this project or request an on-site meeting please call me at (608) 687-3112 ext 3.

Paul Machajewski Channel Manager

```
44 43 33
                                                                                                                                                                                                                                                                                                                                                                                                                                                       6_2 4_8 4_3 4_5 3_8 3_4 3_5 3_4
764
                                                                                                                                                                 9, 8, 19, 4, 9, 11 10,
                                                                                                               13_612_413_812_711_911_110_910_211_411_21210_76_66_7
                                                                                                               18<sub>8</sub>19<sub>6</sub>19<sub>2</sub>20<sub>3</sub>17<sub>1</sub>15<sub>7</sub>14<sub>9</sub>14<sub>1</sub>12<sub>6</sub>12<sub>9</sub>11<sub>8</sub>12
                                                                                                                                       19<sub>8</sub>20<sub>8</sub>21<sub>6</sub>21<sub>3</sub>20 48<sub>2</sub>17<sub>1</sub>15<sub>6</sub>14<sub>2</sub>13<sub>8</sub>11<sub>5</sub>8<sub>6</sub> 7<sub>3</sub> 6<sub>2</sub> 6 4<sub>3</sub>
                                                                                                                                                 22_423_222_322_723_221_721_519_317_616_112_510_88_2 7_5 5_5 3_9 3_8 5_4 4_9 3_1 2_8 2_3 2_1 3 2_5 3_5
                                                                                                                                                                        23<sub>2</sub>23<sub>8</sub>23 23<sub>7</sub>23 23<sub>7</sub>23<sub>4</sub>22<sub>3</sub>17<sub>5</sub>13<sub>6</sub>10<sub>7</sub>8<sub>3</sub> 6 5 3<sub>2</sub> 4<sub>7</sub> 5<sub>2</sub> 4<sub>1</sub>
                                                                                                                                                                                                25_{5}25_{5}24_{6}24_{8}25_{2}24_{7}24_{1}19_{1}17 13 10_{9}8_{6} 7 9_{3}6_{7} 6 4_{5} 3_{7} 3_{1} 2_{2} 3_{1} 3_{4} 3_{4} 3_{8}
                                                                                                                                                                                                                       26_{5}26_{3}24_{7}26_{2}26_{1}25_{7}22_{4}18_{8}15_{6}12_{2}11_{7}712_{4}10_{8}9_{5}6_{3}5_{3}3_{7}3_{4}3_{5}2_{7}3_{8}3_{5}3_{9}4_{1}2_{9}
                                                                                                                                                                                                                                               27_{5}27_{4}27 \ 27_{7}26_{9}23_{6}21 \ 19_{3}16_{5}16_{2}14_{5}12_{1}10 \ 7_{6} \ 5_{1} \ 4_{2} \ 3_{1} \ 2_{8} \ 3_{6} \ 3_{3} \ 4_{2} \ 3_{8} \ 3_{4} \ 4_{2} \ 2_{7} \ 2_{7} \ 2_{7} \ 1_{3} \ 2_{3}
                                                                                                                                                                                                                                                                      28_328_127_728_124_523_420_521_218_316_614_912_19_46_3 4_4 4_6 3_4 3_4 3 3_8 4_4 3_4 3_3 3_6
                                                                                                                                                                                                                                                                                            28<sub>3</sub>28<sub>9</sub>28<sub>1</sub>26<sub>1</sub>24<sub>3</sub>24<sub>2</sub>3 21<sub>6</sub>19 16<sub>4</sub>14<sub>7</sub>11<sub>3</sub> 8<sub>5</sub>6<sub>1</sub> 4<sub>2</sub> 4<sub>9</sub> 3<sub>7</sub> 4<sub>4</sub>
                                                                                                                                                                                                                                                                                                                    27<sub>4</sub>27<sub>9</sub>27 26<sub>9</sub>25<sub>1</sub>24<sub>6</sub>23<sub>3</sub>20<sub>7</sub>18<sub>9</sub>16<sub>5</sub>15<sub>1</sub>12 8 6<sub>7</sub> 5<sub>8</sub> 5<sub>5</sub> 3<sub>8</sub> 4<sub>3</sub>
                                                                                                                                                                                                                                                                                                                                           27 27<sub>3</sub>26<sub>8</sub>27<sub>2</sub>25<sub>8</sub>25<sub>5</sub>23<sub>5</sub>22<sub>9</sub>19<sub>7</sub>17<sub>4</sub>15<sub>2</sub>12<sub>8</sub>10<sub>5</sub> 6<sub>8</sub> 6<sub>2</sub> 5<sub>8</sub> 4<sub>4</sub> 4<sub>3</sub>
                                                                                                                                                                                                                                                                                                                                                                   27_{5}26_{9}26_{5}27_{3}25_{5}25_{4}22_{8}22_{4}20_{5}18_{9}16_{9}13_{4}10_{9}7_{4}6_{2}5 3<sub>8</sub> 3<sub>8</sub>
                                                                                                                                                                                                                                                                                                                                                                                         27<sub>8</sub>27<sub>5</sub>27<sub>1</sub>27<sub>2</sub>25<sub>7</sub>25 24 22<sub>6</sub>19<sub>1</sub>17<sub>8</sub>16<sub>2</sub>14<sub>2</sub>10<sub>4</sub>6<sub>8</sub> 5<sub>1</sub> 4<sub>6</sub> 2<sub>7</sub> 3<sub>2</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                 26<sub>6</sub>27 26<sub>9</sub>27<sub>3</sub>25<sub>8</sub>24<sub>5</sub>22<sub>9</sub>22<sub>3</sub>21<sub>4</sub>18<sub>2</sub>16<sub>3</sub>14<sub>9</sub>10<sub>3</sub>6<sub>7</sub> 5 4<sub>2</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                         26<sub>6</sub>26<sub>3</sub>26<sub>4</sub>26<sub>2</sub>25 24<sub>6</sub>22<sub>3</sub>20<sub>6</sub>22 19<sub>2</sub>17<sub>4</sub>12<sub>4</sub> 9<sub>7</sub> 6<sub>9</sub> 4<sub>7</sub> 4<sub>2</sub> 2<sub>7</sub> 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                               26<sub>5</sub>26<sub>5</sub>26<sub>5</sub>26<sub>8</sub>23<sub>4</sub>25<sub>6</sub>23<sub>1</sub>22<sub>5</sub>21<sub>6</sub>22<sub>1</sub>17<sub>8</sub>11, 7, 4<sub>8</sub> 3<sub>4</sub> 3<sub>3</sub> 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      27_{2}26_{5}25_{3}26_{2}23_{9}25_{2}23_{4}24_{4}21_{1}20_{2}16_{4}11_{9}T_{7}t_{8}t_{8}t_{9}t_{1}t_{2}t_{2}t_{1}t_{2}t_{2}t_{2}t_{2}t_{2}t_{3}t_{2}t_{3}t_{2}t_{3}t_{2}t_{3}t_{2}t_{3}t_{3}t_{3}t_{2}t_{3}t_{2}t_{3}t_{3}t_{3}t_{3}t_{3}t_{3}t_{3}t_{3}t_{4}t_{2}t_{3}t_{3}t_{3}t_{3}t_{3}t_{4}t_{2}t_{3}t_{3}t_{3}t_{3}t_{3}t_{3}t_{4}t_{2}t_{3}t_{3}t_{3}t_{3}t_{4}t_{2}t_{3}t_{3}t_{3}t_{3}t_{4}t_{2}t_{3}t_{3}t_{3}t_{3}t_{4}t_{2}t_{3}t_{3}t_{3}t_{3}t_{4}t_{3}t_{4}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{5}t_{
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             26<sub>6</sub>25<sub>2</sub>25<sub>1</sub>24<sub>7</sub>24<sub>4</sub>23<sub>7</sub>23<sub>6</sub>22<sub>2</sub>17<sub>7</sub>17<sub>9</sub>14<sub>6</sub> 9<sub>8</sub> 5<sub>5</sub> 3<sub>1</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (<sub>9</sub> 2 1<sub>3</sub> 2<sub>4</sub> 1<sub>7</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       25<sub>6</sub>26<sub>4</sub>25 24<sub>9</sub>24<sub>8</sub>23<sub>2</sub>81<sub>4</sub>19<sub>6</sub>23<sub>2</sub>18<sub>4</sub>15<sub>7</sub>11 9<sub>8</sub> 7<sub>6</sub> 4<sub>6</sub> 3<sub>8</sub> 3<sub>1</sub> 2<sub>8</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25<sub>8</sub>26<sub>7</sub>24<sub>4</sub>23<sub>3</sub>25<sub>4</sub>23<sub>2</sub>23<sub>2</sub>20<sub>1</sub>19<sub>2</sub>19<sub>7</sub>17<sub>2</sub>12<sub>4</sub> 6 6<sub>7</sub> 4<sub>2</sub> 3<sub>7</sub> 2<sub>8</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        26<sub>6</sub>25<sub>9</sub>25<sub>2</sub>22<sub>6</sub>22<sub>5</sub>20<sub>6</sub>22<sub>3</sub>20<sub>7</sub>20<sub>4</sub>17 14 11<sub>2</sub> 8 7<sub>4</sub> 4<sub>8</sub> 4<sub>5</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              26<sub>3</sub>23<sub>3</sub>22<sub>3</sub>22<sub>9</sub>24 21<sub>9</sub>23<sub>2</sub>19 18<sub>4</sub> 6 13<sub>7</sub>10<sub>7</sub>7<sub>8</sub> 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25<sub>2</sub>23<sub>1</sub>24<sub>5</sub>23<sub>8</sub>24<sub>4</sub>21<sub>8</sub>21<sub>8</sub>18<sub>4</sub>17<sub>8</sub>15<sub>4</sub>12<sub>6</sub>10<sub>7</sub>8<sub>4</sub>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25<sub>6</sub>23<sub>5</sub>22<sub>3</sub>22<sub>6</sub>22<sub>2</sub>19 0 18<sub>3</sub>16<sub>2</sub>15<sub>2</sub>14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24<sub>6</sub>24<sub>3</sub>21<sub>7</sub>21 20<sub>9</sub>19<sub>2</sub>19<sub>3</sub>19
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           226232219212214189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ▲ R
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  23 22,219
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           C.M.ST.A. &A.RA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       >63
```